



## PATENT ABSTRACTS OF JAPAN

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(54) **ISOQUINOLINONE DERIVATIVE**

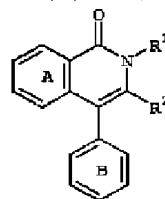
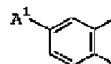
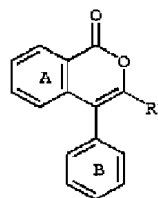
(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a new compound having a cGMP-specific phosphodiesterase-inhibiting action and useful as a medicine for preventing and treating hypertension, angina, etc.

SOLUTION: A compound of formula I {the ring A is a group of formula II [A<sup>1</sup> is OH group, (substituted) phenyl group or the like; the ring B is a (substituted) benzene ring; R<sup>1</sup> is (substituted) pyridyl, a (substituted) alkyl or the like; R<sup>2</sup> is COOR<sup>3</sup> (R<sup>3</sup> is H, an ester residue or the like) or the like}, for example, 7-benzyloxy-2-(3hydroxypropyl)-3-methoxycarbonyl-4-(3,4,5-trimethoxyphenyl)-1-(2H)isoquinolinone. The above compound is obtained by reacting an isocoumarin derivative of formula III or its salt with an amine compound of the formula: R<sup>1</sup>-NH<sub>2</sub> or its salt in a solvent such as dimethylformamide or in the absence of a solvent at a reaction temperature of 20-150°C. The compound of formula

I is preferably administered at a daily does of about 0.00001-0.5 mg/kg.

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